U.S.Robotics®

Wireless Antenna Accessories

Models USR5480
USR5481
USR5482

Wireless Networking

Features and Benefits

Enhance Wireless Network Range and Coverage

Flexibility	Variety of 2.4GHz (802.11b/802.11g) antennas to enhance performance and connection reliability for non-standard environments
Simple connections	• Reverse polarity SMA connectors for easily attaching to wireless products • No configuration required • Operating system independent
Great compatibility	Supports 802.11b, 802.11b+ (22 Mbps), 802.11g, 802.11g+ (Turbo and 54g+)
Eliminate dead spots	Improves signal strength for more reliable and consistent connections
Improve wireless range	• Provide coverage for an entire home or small office • Extend coverage to an entire showroom, coffee shop or restaurant

U.S. Robotics
Wireless Antenna Accessories
Models USR5480, USR5481, USR5482

USR5480

Key Applications

Connecting to 802.11b/ 802.11g wireless PCI cards to enhance range and position antenna away from the typically noisy "behind the desktop" location.

Specifications & Standards

- Gain: 4dBi
- Nominal Impedance: 50 Ohms
- Frequency Range: 2.4-2.5 Ghz
- VSWR: <2:1
- Omni directional
- Desktop or wall mountable
- Reverse Polarity SMA (female) connector

Package Contents

- 4dBi Desktop Antenna with attached 5 foot cable
- CD ROM
- Installation Sheet (Multilingual)

USR5481

Key Applications

Replacement antenna to extend the range of 802.11b/802.11g wireless routers, access points and desktop adapters.

Specifications & Standards

- Gain: 5dBi
- Nominal Impedance: 50 Ohms
- Frequency Range: 2.4-2.5 Ghz
- VSWR: <2:1
- Omni-directional
- Direct swivel attachment
- Reverse polarity SMA (female) connector

Package Contents

- 5dBi Swivel Antenna
- CD ROM
- Installation Sheet (Multilingual)

USR5482

Key Applications

Provides broad, focused coverage for 802.11g and 802.11b wireless APs and routers in buildings with large coverage areas and wireless hot spots. Also for outdoor applications (e.g. building-to-building connections). Allows direct path with better pattern coverage.

Specifications & Standards

- Gain: 9dBi
- Nominal Impedance: 50 Ohms
- Frequency Range: 2.4-2.5 Ghz
- VSWR: <1.5:1
- Polarization
  - Vertical (60º) or horizontal (60º), linear
  - Left hand circular
- Directional antenna
- Outdoor rated
- Wall or corner mountable
- Reverse polarity SMA (female) connector

Package Contents

- 9dBi Directional Antenna
- Mounting kit
- CD ROM
- Installation Sheet (English only)
- 5 foot Cable

Warranty

- 2 year limited manufacturer warranty from date of purchase on all antennas

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